

# Acuvate Helps a Large CPG Company Improve Data Capture and Analysis for Global Factories



## About Client

A global consumer goods firm, renowned for its diverse product portfolio and extensive market presence, faced a significant challenge within its Ice Cream division. The existing data management system, established in the 1990s, relied heavily on manual data entry processes, leading to delays in report generation and limited insights into factory performance. Seeking a solution to streamline data management processes and enhance decision-making capabilities, the firm turned to Acuvate.

## CHALLENGE

Our customer's Ice Cream division faced several complex challenges with its outdated data management system. The primary issue was the reliance on manual data entry, which not only created inefficiencies but also posed risks to product quality and safety.



### Disparate Data Sources

Data was scattered across handwritten hard copies, Excel spreadsheets, and isolated databases, leading to inconsistencies and inaccuracies.



### Fragmented Processes

This disjointed approach hindered the timely generation of reports, making decision-making slower and less effective.



### Lack of Standardization

Different methods of data capture across factories made it hard to compare performance and maintain uniform quality assurance practices.



### Regulatory and Consumer Pressures

Evolving regulations and rising consumer expectations highlighted the need for a more streamlined and reliable data management solution.

Recognizing these challenges, the company urgently needed a comprehensive system to enhance microbiological data management and improve quality assurance processes across all their global operations.

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## SOLUTION

To address the multifaceted challenges faced by the Ice Cream division, Acuvate implemented a cutting-edge solution leveraging Azure technology. This comprehensive solution was designed to streamline data management processes, ensuring accuracy, efficiency, and real-time insights across all our operations.

### KEY FEATURES OF THE SOLUTION:

#### Centralized Data Platform

Acuvate developed a robust Azure application that centralized all microbiological data, integrating seamlessly with existing systems like LIMS. This eliminated the need for disparate data sources such as handwritten hard copies, Excel spreadsheets, and isolated databases.

#### Automated Data Entry

The solution automated the data capture process, replacing manual entry with a digital system that ensured accuracy and consistency. This significantly reduced the risk of errors and inefficiencies.

#### Standardized Processes

By standardizing data capture methods across all factories, the solution facilitated easy comparison of performance metrics, ensuring uniformity in quality assurance practices.

#### Real-time Reporting

The system provided real-time visualization of data through interactive reports, enabling timely and informed decision-making. This allowed the division to proactively address quality issues and improve overall operational efficiency.

#### Enhanced Data Quality

Automated reminders for data submission and user-friendly interfaces encouraged timely and accurate data input from factory personnel, enhancing overall data quality and accessibility.

#### Compliance and Traceability

The solution helped the division stay compliant with evolving regulatory requirements and meet consumer expectations by providing a reliable and transparent system for microbiological monitoring.

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## SOLUTION HIGHLIGHTS



## Result

Acuvate's solution brought significant improvements in data capture and analysis processes, with measurable benefits:



Improved Data Quality



80% – 90% Reduction in Analysis Time



100x Increase in Data Visibility



Reduced Waste & Improved Compliance



Enhanced Performance Analysis



Seamless Historical Data Migration

## About Acuvate

With over 17+ years of experience in digital solutions, accelerating enterprise-wide digital transformation with our AI accelerators, we provide solutions and services that modernize, automate and support organizations. We help our customers transform their conventional processes to match the next-generation technological trend. We have a strong presence in the US, Europe, and the Middle East, where we serve multiple Fortune 500 companies. We specialize in New-age AI solutions, Migration & Modernization, and Digital Workplace Solutions. With our multi-skilled experts and packaged AI accelerators, we deliver unparalleled efficiencies and accelerate time-to-value for our customers.